

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	(Yang.in. and Sollenberger.in.) and modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:22
S2	1337	(Yang.in. or Sollenberger.in.) and modulation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:22
S3	69	(Yang.in. or Sollenberger.in.) and (modulation same energy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:23
S4	5	(Yang.in. or Sollenberger.in.) and (modulation same energy) and training	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:25
S5	933	375/327	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:25
S6	582	375/327.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:27
S7	0	375/316-352.ccls and (modulat\$4 same (channel near2 (energy or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:30
S8	457	375/316-352.ccls. and (modulat\$4 same (channel near2 (energy or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:30
S9	198	375/316-352.ccls. and (modulat\$4 with (channel near2 (energy or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:32
S10	31	((determin\$4 or identify\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/29 12:56
S11	190	S9 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:19

## EAST Search History

S12	8	((determin\$4 or identify\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4)) and (rotat\$4 or derotat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:04
S13	10	((determin\$4 or identify\$4) near2 modulat\$4) with ("CIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S14	1	((determin\$4 or identify\$4) near2 modulat\$4) with (channel adj1 impulse adj1 response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S15	3	((determin\$4 or identify\$4) near2 modulat\$4) same (channel adj1 impulse adj1 response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:30
S16	0	((determin\$4 or identify\$4) near2 modulat\$4) with ("carrier adj2 interference adj1 ratio")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S17	0	((determin\$4 or identify\$4) near2 modulat\$4) same ("carrier adj2 interference adj1 ratio")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S18	12	((determin\$4 or identify\$4) near2 modulat\$4) same ("CIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S19	2	S18 not S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S20	46	((determin\$4 or identify\$4) near2 modulat\$4) with ("SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S21	13	((determin\$4 or identify\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4)) and (compar\$4 with modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:14
S22	32	((detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:33
S23	2	("6473506").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 16:33

## EAST Search History

S24	0	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and reprocess44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S25	1	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and reprocess\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S26	0	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and re-process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S27	20	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and (discard\$4 or remov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:44
S29	279	"GSM" and (RF adj1 front adj1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/29 14:25
S30	0	"200401566448".pn. and averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/01 16:24
S31	1	"20040156448".pn. and averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/01 16:24
S32	2	"20040156448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/23 20:23

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S8	457	375/316-352.ccls. and (modulat\$4 same (channel near2 (energy or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:30
S9	198	375/316-352.ccls. and (modulat\$4 with (channel near2 (energy or estimat\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 12:32
S10	31	((determin\$4 or identify\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/29 12:56
S11	190	S9 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:19

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S13	10	((determin\$4 or identify\$4) near2 modulat\$4) with ("CIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S14	1	((determin\$4 or identify\$4) near2 modulat\$4) with (channel adj1 impulse adj1 response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S15	3	((determin\$4 or identify\$4) near2 modulat\$4) same (channel adj1 impulse adj1 response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:30
S16	0	((determin\$4 or identify\$4) near2 modulat\$4) with ("carrier adj2 interference adj1 ratio")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S17	0	((determin\$4 or identify\$4) near2 modulat\$4) same ("carrier adj2 interference adj1 ratio")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:31
S18	12	((determin\$4 or identify\$4) near2 modulat\$4) same ("CIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
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S20	46	((determin\$4 or identify\$4) near2 modulat\$4) with ("SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 13:32
S21	13	((determin\$4 or identify\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4)) and (compar\$4 with modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:14
S22	32	((detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:33
S23	2	("6473506").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/28 16:33

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S24	0	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and reprocess44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S25	1	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and reprocess\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S26	0	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and re-process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:43
S27	20	((determin\$4 or identify\$4 or detect\$4) near2 modulat\$4) with (channel near2 (energy or estimat\$4))) and (discard\$4 or remov\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:44
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S31	1	"20040156448".pn. and averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/01 16:24
S32	2	"20040156448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/23 20:23